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Results 1 - 10 of about 30 for "**quartic equation**", "**elliptic curve**", **Jacobi**  
**"affine coordinates"**. (0.72 seconds)

## Search Results

1. Method for universal calculation applied to points of an **elliptic** ...  
... on the points of an **elliptic curve** defined by a **quartic equation** uses identical  
... for example by **affine coordinates** or **Jacobi** projective coordinates. ...  
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2. Method for universal calculation applied to points of an **elliptic** ...  
A method for universal calculation on the points of an **elliptic curve**  
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3. Page 1 4 Families of Elliptic Curves and Geometric Properties of  
...  
giving an **elliptic curve** E over  $k(t)$ , then we can substitute in any value for  $t \in T$ ,  
the ..... or in **affine coordinates** with  $w = -1$ , it has the form ... The **Jacobi** family  
is given by a **quartic equation** and we begin by explaining how ...  
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4. Hodge Structures and Period Map  
Expressing it in **affine coordinates** we show that it is non-degenerate.  
..... For example, an **elliptic curve** acquiring a double point is rationally  
equivalent to the projective line. .... is given by a **quartic equation** y ...  
There is a holomorphic diffeomorphism between C and E. It is the Abel–  
**Jacobi** ...  
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5. Method for universal calculation applied to points of an **elliptic** ...  
A point on an **elliptic curve** can be represented by several types of coordinate,  
for example by **affine coordinates** or **Jacobi** projective coordinates. ...  
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6. [PDF]

Rolling Factors Deformations and Extensions of Canonical Curves

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t) as **affine coordinates** ..... rationally ruled surface over a (hyper)**elliptic curve** E with a rational curve. E of double points, the canonical image of E ..... from which z may be eliminated to obtain a **quartic equation** for y. The case ..... of the **Jacobi** matrix of the system of equations (R) together with the  $\pi$  ...

[www.emis.de/journals/DMJDMV/vol-06/09.pdf](http://www.emis.de/journals/DMJDMV/vol-06/09.pdf) - [Similar pages](#)

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7. [U. Bruzzo - Introduction to Algebraic Topology and Algebraic Geometry](#)

Let V be the divisor cut out from  $P^3$  by the **quartic equation** (6.13)  $4^4$  ..... A way to check that the construction of the **Jacobi** variety does not .... We want to show that every smooth **elliptic curve** can be realized in this ... Thus C may be described as a locus in  $P^2$  whose equation in **affine coordinates** is (8.9) ...

[www.scribd.com/doc/6870236/U-Bruzzo-Introduction-to-Algebraic-Topology-and-Algebraic-Geometry](http://www.scribd.com/doc/6870236/U-Bruzzo-Introduction-to-Algebraic-Topology-and-Algebraic-Geometry) - 328k - [Cached](#) - [Similar pages](#)

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... elliptic congruence elliptic coordinate **elliptic curve** elliptic cyclic ..... solution  
Jacobian Jacobian variety **Jacobi** matrix **Jacobi's** polynomial jet ...

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9. [PDF]

## [INTRODUCTION TO ALGEBRAIC TOPOLOGY AND ALGEBRAIC GEOMETRY](#)

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by the **quartic equation** ..... A way to check that the construction of the **Jacobi** variety does not depend on the choices we have made is to restate it invariantly. .... We want to show that every smooth **elliptic curve** can be .... (we use the same **affine coordinates** as in the previous representation). Since ...

[www.sissa.it/~bruzzo/notes/IATG/notes.pdf](http://www.sissa.it/~bruzzo/notes/IATG/notes.pdf) - [Similar pages](#)

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10. [PDF]

## [Topics in Classical Algebraic Geometry. Part I](#)

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ant of an **elliptic curve** E and the isogeneous **elliptic curve**  $E/t$  ..... In **affine coordinates**, it is given by.  $T : (x, y) \mapsto (x$  ..... The Abel-**Jacobi** Theorem asserts that p is zero on principal divisors (Abel's ..... After getting rid of squares, we obtain the **quartic equation** of C ...

[www.math.lsa.umich.edu/~idolga/topics1.pdf](http://www.math.lsa.umich.edu/~idolga/topics1.pdf) - [Similar pages](#)

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1. [arXiv:math.AG/0006189](http://arXiv:math.AG/0006189) v1 26 Jun 2000

t) as **affine coordinates** on C ..... ruled surface over a (hyper)**elliptic curve** E with a rational curve E of double points, the canonical image of E, ...  
[www.citebase.org/fulltext?format=application%2Fpdf&identifier=oai%3AarXiv.org%3Amath%2F0006189](http://www.citebase.org/fulltext?format=application%2Fpdf&identifier=oai%3AarXiv.org%3Amath%2F0006189) - [Similar pages](#)

2. [PDF]

Elliptic Curves

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The **Elliptic Curve** Group Law on the Intersection of Two Quadrics in Projective Three Space . .... **Jacobi** q-Parametrization: Application to Real Curves . ...  
[kolho3.liera.ru/M\\_Mathematics/.../Husemoeller%20D.%20Elliptic%20curves%20\(2ed.,%20Springer,%20GMT111,...](http://kolho3.liera.ru/M_Mathematics/.../Husemoeller%20D.%20Elliptic%20curves%20(2ed.,%20Springer,%20GMT111,...) - [Similar pages](#)

3. Jordan's totient function

... of a vector-valued function **Jacobi** matrix Jacobian planetmath.org 847 1858  
 .... 24 msc:11G07 msc:11G05 msc:14H52 **elliptic curve**  $\mathfrak{p}$ -function  
 ...  
[br.endernet.org/~akrowne/planetmath/soc/nnexus/svn/trunk/pmout.xml](http://br.endernet.org/~akrowne/planetmath/soc/nnexus/svn/trunk/pmout.xml) - [Similar pages](#)

4. [APPLICATION] Method for universal calculation applied to points of an elliptic ... - Google Patents Result

US Pat. App 10523840 - Gemplus

A method according to claim 1, wherein the **elliptic curve** is denned by a **quartic equation** of the type:  $V^2=b. U^4+a. U^3W+UW^3$ , (U:V:W) being Jacobi projective  
 ...  
[www.google.com/patents?id=k6GaAAAAEBAJ](http://www.google.com/patents?id=k6GaAAAAEBAJ)

5. [APPLICATION] Method for universal calculation applied to points of an elliptic ... - Google Patents Result

US Pat. App 10523840 - Gemplus

... the concern is with the **elliptic curve** models defined by a **quartic equation** ...  
 [0060] The general form of a quartic, in **affine coordinates**, is given by ...  
[www.google.com/patents?id=k6GaAAAAEBAJ](http://www.google.com/patents?id=k6GaAAAAEBAJ)

6. Husemoller D. Elliptic curves (2ed., Springer, GMT111, 2004)(T)(510s)

Let E be an **elliptic curve** over a field k. For each field extension K of k the ...  
 Away from the origin in the **elliptic curve**, we set  $w = 1$  and consider the ...  
[booklists.narod.ru/M\\_Mathematics/.../Husemoller\\_D.\\_Elliptic\\_curves\\_\\_2ed.\\_\\_Springer\\_\\_GMT111\\_\\_2004\\_\\_T\\_\\_510s\\_\\_MAg\\_3.htm](http://booklists.narod.ru/M_Mathematics/.../Husemoller_D._Elliptic_curves__2ed.__Springer__GMT111__2004__T__510s__MAg_3.htm) - [Similar pages](#)

7. Husemoller D. Elliptic curves (2ed., Springer, GMT111, 2004)(T)(510s)

Finally, if  $\varphi$  is an **elliptic curve** defined over k, then  $E(k')$  is a G-group with  $E(k')G = E(k)$ . This can be seen directly with **affine coordinates** or from the ...  
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